

January 5, 2005

RECEIVED
JAN 1 0 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

DIV. OF OIL, GAS & MINING

RE: Applications for Permit to Drill: Federal 1-30-8-18, 2-30-8-18, 3-30-8-18, 4-30-8-18, 7-30-8-18, 8-30-8-18, 9-30-8-18, 10-30-8-18, 14-30-8-18, 15-30-8-18, and 16-30-8-18.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 10-30-8-18 is also an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Brad or myself a call.

Sincerely.

Mandie Crozier

Regulatory Specialist

mc

enclosures

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DIV. OF OIL, GAS & MINING

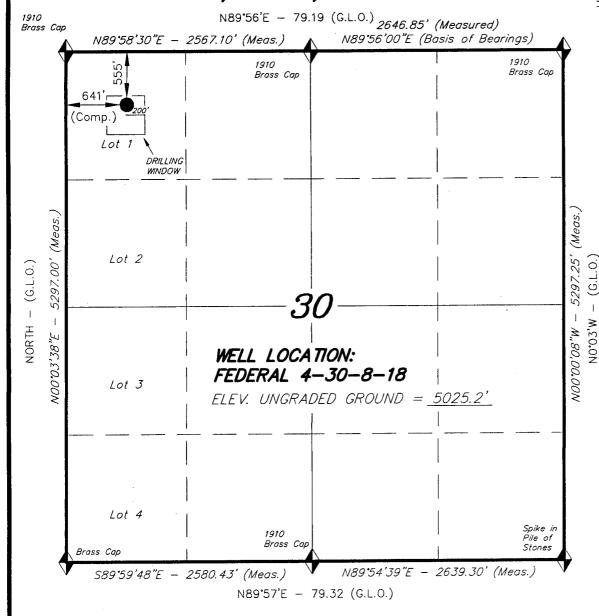
	•				
Form 3160-3 (September 2001)			FORM APPR OMB No. 100 Expires January	04-0136	
UNITED STATES	5. Lease Serial No.				
DEPARTMENT OF THE IN BUREAU OF LAND MANAG			UTU-75532		
APPLICATION FOR PERMIT TO DE			6. If Indian, Allottee or	Tribe Name	
AFFLICATION FOR PERIVIT TO DE	VILL OK REENTER		N/A		
1a. Type of Work: DRILL REENTE	?		7. If Unit or CA Agreeme	ent, Name and No.	
- NOBITE			N/A		
lb. Type of Well: X Oil Well Gas Well Other	Single Zone Multi	iole Zone	8. Lease Name and Well Federal 4-30-8-18		
2. Name of Operator			9 API Well No		
Newfield Production Company			43.	047-365	
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Expl	loratory	
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Eight Mile Flat		
4. Location of Well (Report location clearly and in accordance with	any State requirements.*)		11. Sec., T., R., M., or Blk	. and Survey or Area	
At surface NW/NW Lot #1 555' FNL 641' FWL 59010	15x 40,094784	ン	NW/NW Sec. 30, 7	T29 D12F	
At proposed prod. zone 943	86034 -109.94	19511	1444/1444 000. 50,	100 KIOL	
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State	
Approximatley 17.8 miles southeast of Myton, Utah	T		Uintah	UT	
15. Distance from proposed* location to nearest	16. No. of Acres in lease	17. Spacing	g Unit dedicated to this well		
property or lease line, ft. (Also to nearest drig, unit line, if any) Approx. 555' f/lse, NA f/unit	1434.04	ļ ,	Approx. 40 Acres		
18. Distance from proposed location*	19. Proposed Depth	20, BLM/E	BIA Bond No. on file		
to nearest well, drilling, completed,			IT. 100.50		
	6300'		JTU0056		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	art*	23. Estimated duration		
5025' GL	2nd Quarter 2005		Approximately seven (7) days from s	pud to rig release.	
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	re Oil and Gas Order No.1, shall be at	tached to this	form:		
1. Well plat certified by a registered surveyor.		he operation	ns unless covered by an exis	sting bond on file (see	
2. A Drilling Plan.	Item 20 above). 5. Operator certific	cation.			
3. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).	6. Such other site	specific info	ormation and/or plans as ma	ay be required by the	
	authorized offic	er.			
25. Signature	Name (Printed/Typed) Mandie Crozier		Dat	e 1	
Title lande luger	- Mandle Crozier		i.	1/5/05	
Regu l at qr y S p ècialist					
Approved by (signature)	Name (Printed/Typed)		Dat	te	
hodelly	BRADIEY G HI	11	; 🔇)1-1R-05	
Thie	ENVIRONMENTAL SCIENT	ict III			
			The state of the s		
Application approval does not warrant or certify the the applicant holds le operations thereon.	gai or equitable title to those rights in	i ine subject l	ease which would entitle the	applicant to conduct	
Conditions of approval, if any, are attached.					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to		nd willfully to	o make to any department or	agency of the United	

*(Instructions on reverse)

Federal Approval of this Action is Necessary

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T8S, R18E, S.L.B.&M.

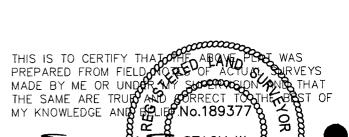


= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, FEDERAL 4-30-8-18, LOCATED AS SHOWN IN LOT 1 OF SECTION 30, T8S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.



grammana

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

(435) 781-2501

SCALE: 1" = 1000' SURVEYED BY: C.M.

DATE: 11-17-04

DRAWN BY: F.T.M.

NOTES:

FILE #

NEWFIELD PRODUCTION COMPANY FEDERAL #4-30-8-18 NW/NW LOT #1 SECTION 30, T8S, R18E UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta 0' – 1640' Green River 1720' Wasatch 6300'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1720' - 6300' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY FEDERAL #4-30-8-18 NW/NW LOT #1 SECTION 30, T8S, R18E UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #4-30-8-18 located in the NW 1/4 NW 1/4 (Lot #1), Section 30, T8S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.1 miles \pm to it's junction with an existing dirt road to the east; proceed easterly - 6.2 miles \pm to it's junction with the beginning of the proposed access road; proceed southeasterly and then southwesterly along the proposed access road - 4625' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. <u>OTHER ADDITIONAL INFORMATION</u>

The Paleontological Resource Survey for this area is attached. Paleontological Resource Survey prepared by, Wade E. Miller, 9/27/04. See attached report cover page, Exhibit "D". The Archaeological Resource Survey is currently in the process of being prepared and will be forthcoming.

For the Federal #4-30-8-18 Newfield Production Company requests 795' of disturbed area be granted in Lease UTU-74870, 1840' of disturbed area be granted in Lease UTU-75532, and 1990' of disturbed area be granted in Lease UTU-36846 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 795' of disturbed area be granted in Lease UTU-74870, 1840' of disturbed area be granted in Lease UTU-75532, and 1990' of disturbed area be granted in Lease UTU-36846 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Reserve Pit Liner

Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale Scarlet Globmallow Atriplex confertifolia Sphaeralcea conccinea 6 lbs/acre

6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #4-30-8-18 was on-sited on 9/15/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), Gary Packer (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 75 degrees.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Brad Mecham

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #4-30-8-18 NW/NW Section 30, Township 8S, Range 18E: Lease UTU-75532 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

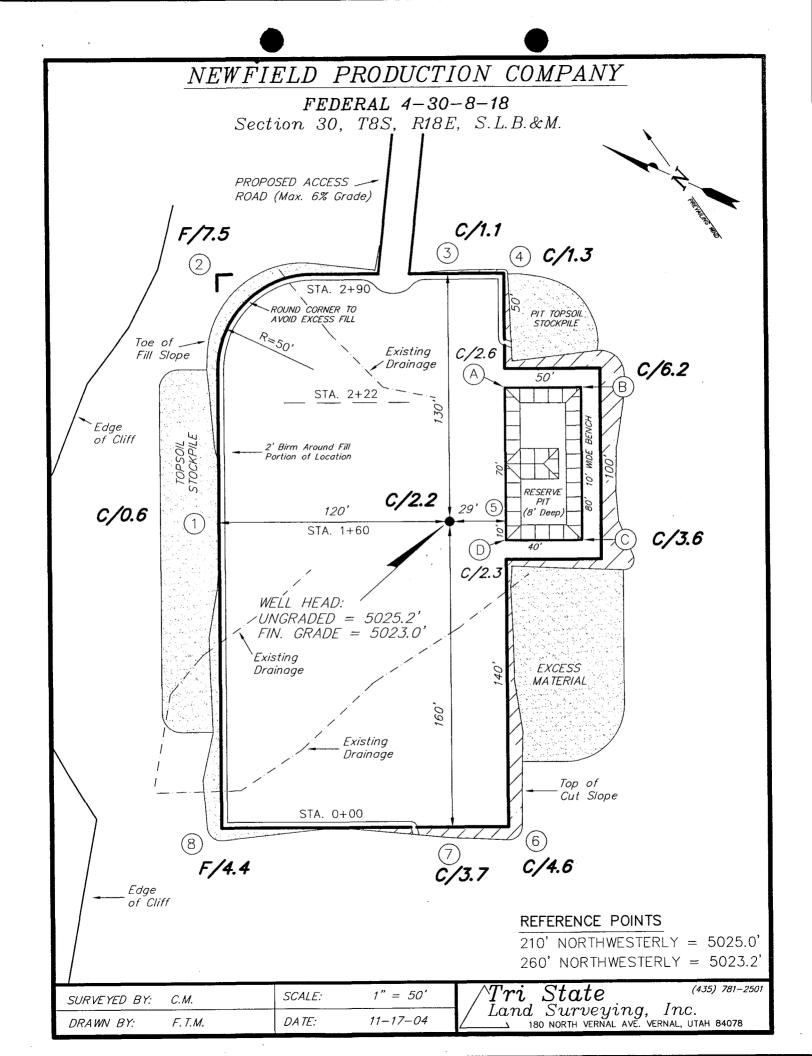
1/5/05

Date

Mandie Crozier

Regulatory Specialist

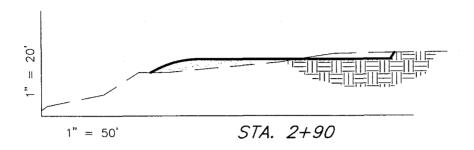
Newfield Production Company

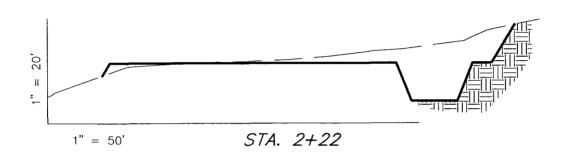


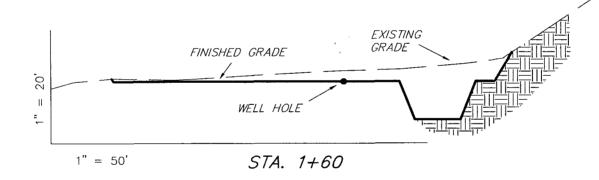
NEWFIELD PRODUCTION COMPANY

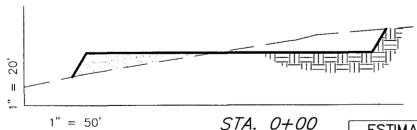
CROSS SECTIONS

FEDERAL 4-30-8-18









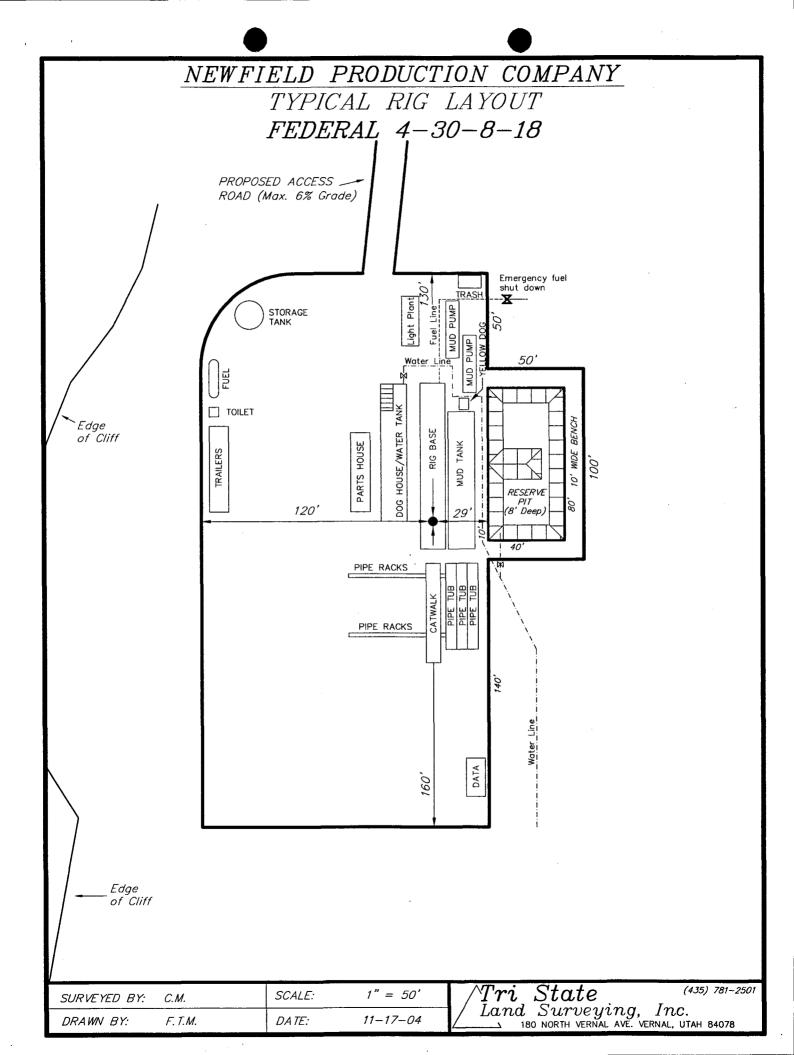
NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

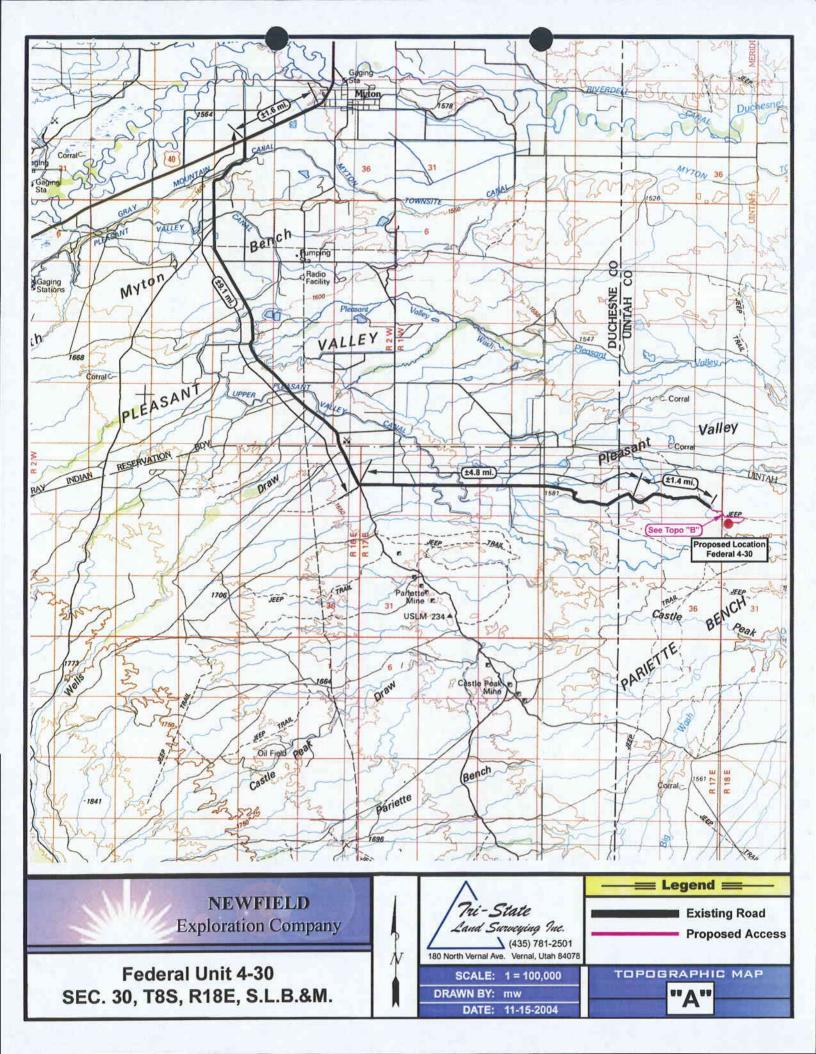
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

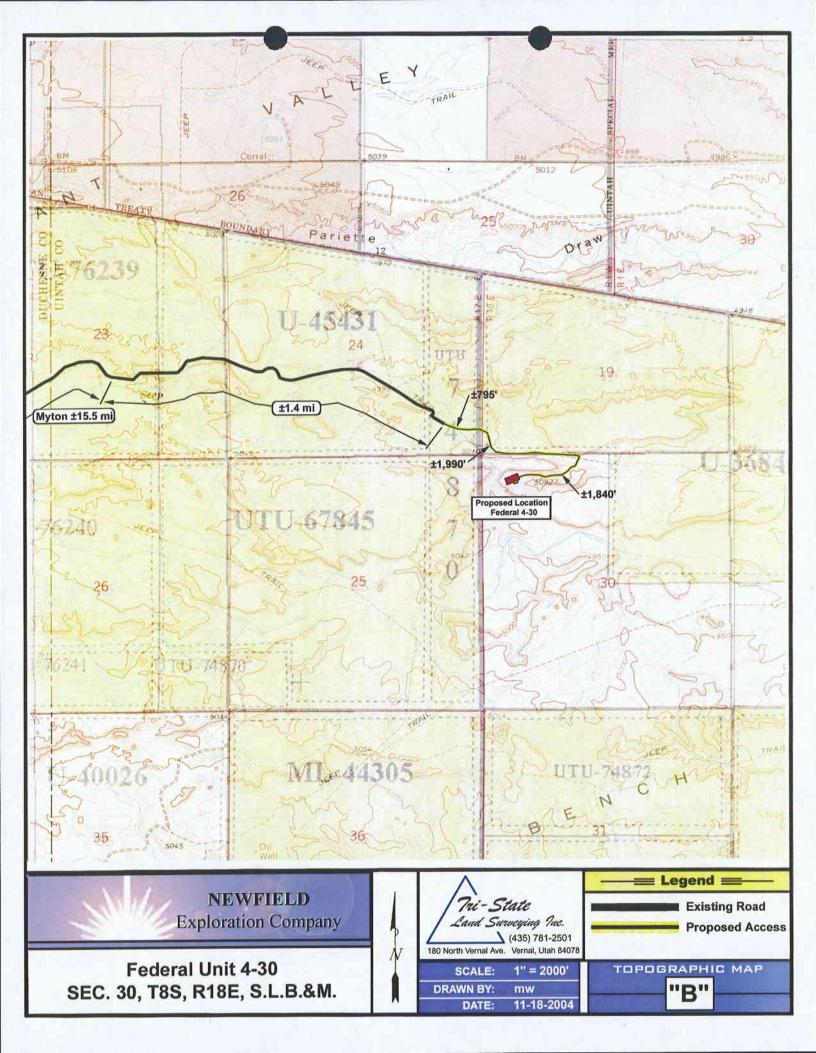
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,650	1,650	Topsoil is	0
PIT	640	0	in Pad Cut	640
TOTALS	2,290	1,650	890	640

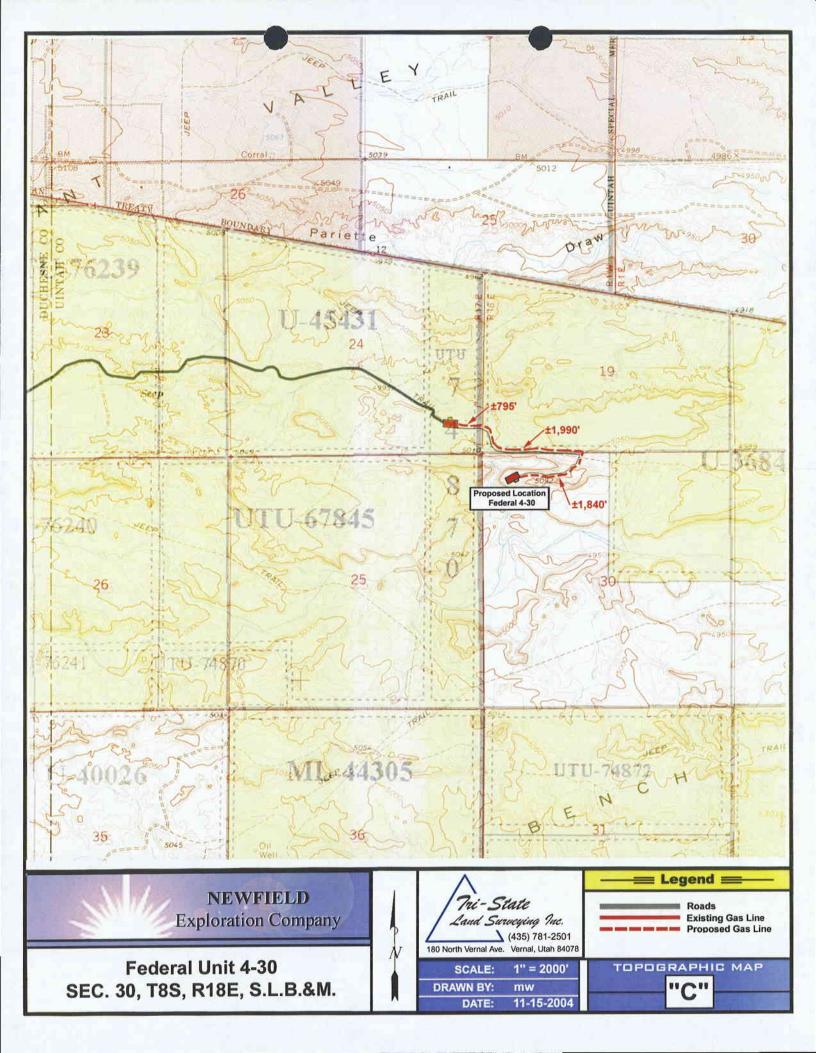
SURVEYED BY:	C.M.	SCALE:	1" = 50'
DRAWN BY:	F.T.M.	DATE:	11-17-04

earrow Tri	State	(435) 781–2501
/ Land	Surveyin	g, Inc .
		E. VERNAL, UTAH 84078

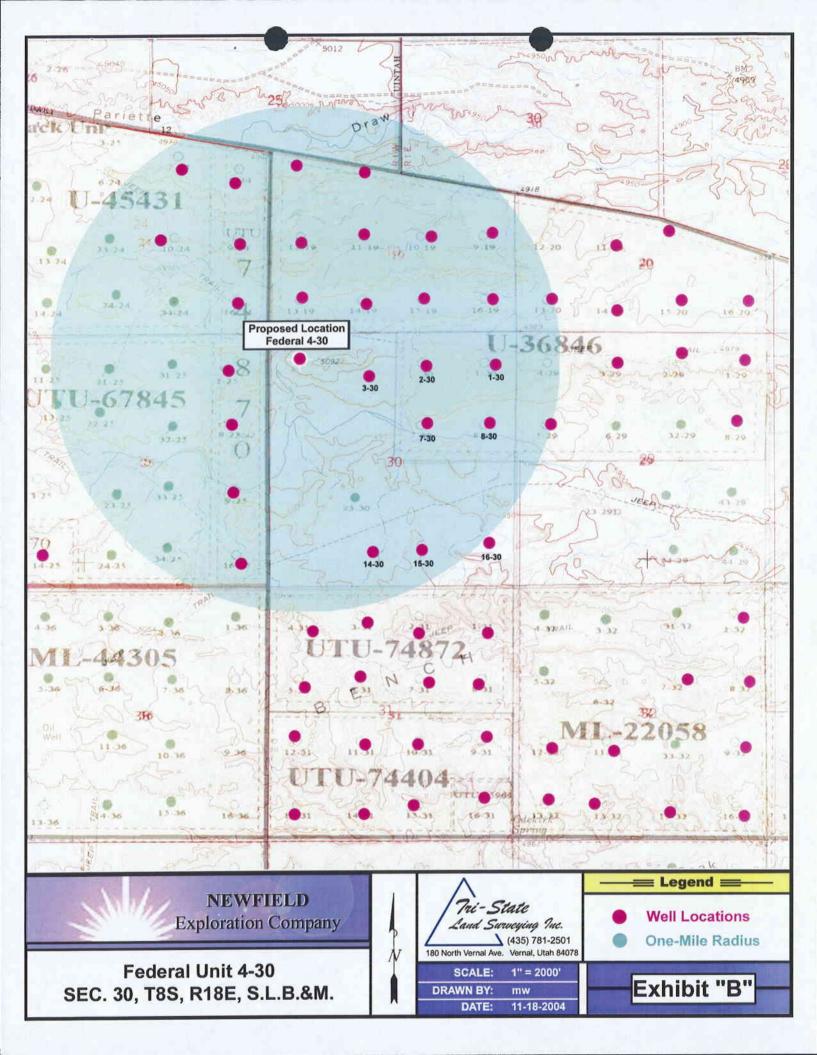








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2-M SYSTEM

Blowout Prevention Equipment Systems

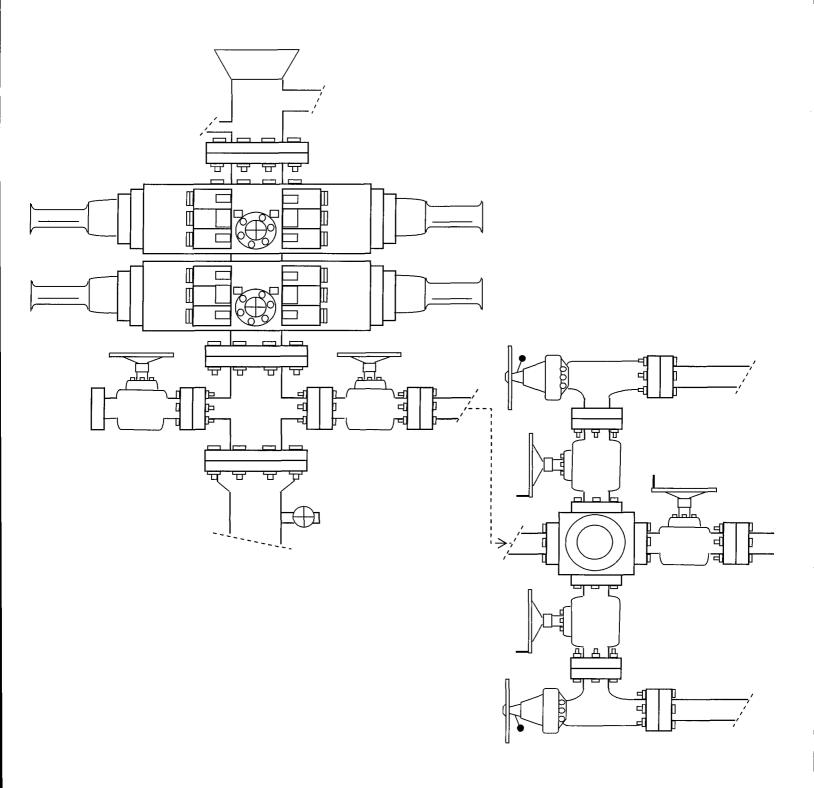


EXHIBIT C

Exhibit "D"
Page 1 of 1

NEWFIELD PRODUCTION COMPANY

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, UINTAH COUNTY, UTAH

(SW 1/4 & SE 1/4, NW 1/4 + South ½ Section 19; South ½ Section 20 [excluding NE 1/4, SE 1/4]; NE 1/4, NW 1/4 & SE 1/4, NE 1/4; NE 1/4, NW 1/4 & SW 1/4, NW 1/4, SW 1/4]; Section 30 [excluding NE 1/4, SW 1/4], Township 8 South, Range 18 East)

REPORT OF SURVEY

Prepared for:

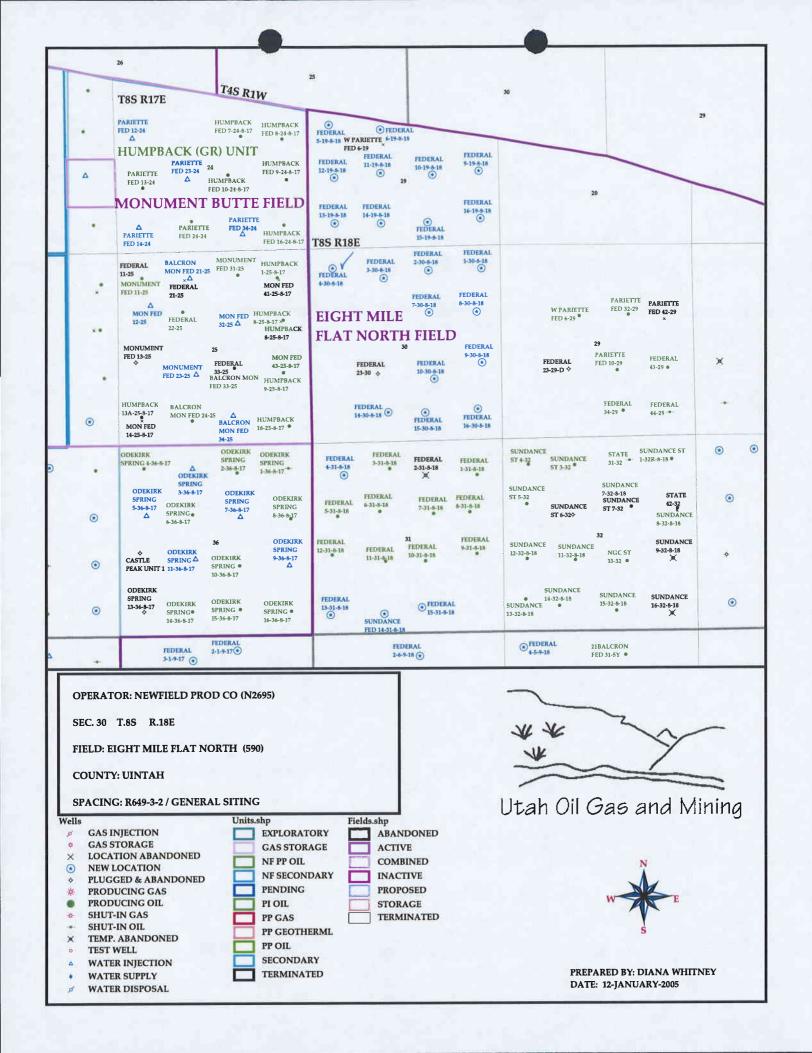
Newfield Production Company

Prepared by:

Wade E. Miller Consulting Paleontologist September 27, 2004

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/10/2005	API NO. ASSIGNED: 43-047-36225
WELL NAME: FEDERAL 4-30-8-18 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER	PHONE NUMBER: 435-646-3721
PROPOSED LOCATION: NWNW 30 080S 180E SURFACE: 0555 FNL 0641 FWL BOTTOM: 0555 FNL 0641 FWL UINTAH 8 MILE FLAT NORTH (590) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-75532 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: GRRV COALBED METHANE WELL? NO	INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology Surface LATITUDE: 40.09479 LONGITUDE: -109.9425
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTU0056) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) HR Fee Surf Agreement (Y/N)	LOCATION AND SITING: R649-2-3. Unit R649-3-2. General
STIPULATIONS: 1-Colors	ate his





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

MARY ANN WRIGHT Acting Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

January 18, 2005

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re:

Federal 4-30-8-18 Well, 555' FNL, 641' FWL, NW NW, Sec. 30, T. 8 South,

R. 18 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36225.

-Sincerely,

/John R. Baza
Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company	
Well Name & Number	Federal 4-30-8-18	
API Number:	43-047-36225	
Lease:	UTU-75532	

Conditions of Approval

T. 8 South

Sec. 30

R. 18 East

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Location: NW NW

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

1. Type of Well

X

2. Name of Operator

Oil

Well

3. Address and Telephone No.

Gus

NEWFIELD PRODUCTION COMPANY

4. Location of Well (Fonlage, Sec., T., R., m., or Survey Description)

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

FORM 3160-5 (June 1990)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT
Do not use this form for p	DRY NOTICES AND REPORTS ON WELLS proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED Budget Bureau No. 1004-0135 Espires: March 31, 1993 5. Lease Designation and Serial No. UTU-75532 6. If Indian, Allottee or Tribe Name NA 7. IF Unit or CA, Agreement Designation N/A R. Well Name and No. FEDERAL 4-30-8-18 9. API Well No. 43-047-36225 10. Field and Pool, or Exploratory Area **8 MILE FLAT NORTH** 11. County or Parish, State

555 FNL 641 FWL NW/NW	Section 30, T8S R18E	UINTAH COUNTY, UT.
12. CHECK APPROPRIATE B TYPE OF SUBMISSION	OX(s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
X Natice of Intent Subsequent Report Final Abandonment Natice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other Permit Extension	Change of Plans New Construction Non-Routing Practuring Water Shut-Off Conversion to Injection Dispose Water (Note: Repon results of multiple completion on Well Completion or Recompletion Report and Lag livra.)

15. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of storting any proposed work. If well is directionally delited, give subsurface locations and measured and one vertical depths for all markers and zones perthent to this work.)*

Newfield Production Company requsts to extend the Permit to Drill this well for one year. The original approval date was 1/18/05 (expiration 1/18/06).

This APD has not been approved yet by the BLM.

Approved by the Utah Division of Oil, Gas and Mining

14. I hereby certify that the foregoings true and correct	- William Carrier	E7.0
Signal	ulatory Specialist Date 1/3	30/2006
CC: UTAIL DOGM		
(This space for Federal or State office (use)		
Approved by Title		
Conditions of arproval, if any	Date	
CC Uigh DOGM		

The PATSA Section 1901 marks three he are person to overally and without succession as now seem or new yor declared stake by the different ED ... in their lengthales were corresponding to the contrast to the large part d error



Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

Well Name: Location: Company Pern	43-047-36225 Federal 4-30-8-18 NW/NW Section 30, T8S R1 nit Issued to: Newfield Permit Issued: 1/18/200	N Property and a second
		ights to drill on the property as permitted tion as submitted in the previously alid and does not require revision.
Following is a ch verified.	necklist of some items r	elated to the application, which should be
If located on priv agreement been	ate land, has the owne updated? Yes □ No □	rship changed, if so, has the surface
Have any wells b the spacing or sit	een drilled in the vicini ting requirements for th	ty of the proposed well which would affect is location? Yes⊡No <i>⊡</i>
Has there been a permitting or oper	iny unit or other agreer ration of this proposed	nents put in place that could affect the well? Yes□Noᡚ
Have there been of-way, which cou	any changes to the acult affect the proposed	cess route including ownership, or right- location? Yes⊡No ☑
Has the approved	source of water for dr	illing changed? Yes□ No ☑
Have there been a which will require evaluation? Yes	a change in plans from	o the surface location or access route what was discussed at the onsite
Is bonding still in p	place, which covers this	s proposed well? Yes ☑No □
M.	Para.	
Signature	crofin	1/30/2005 Date
Title: Regulatory Sp.	ecialist	Dale
Representing: New	wfield Production Company	

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RECEIVED

JAN 0 7 2005

Form 3160-3 (September 2001) BLM VERNAL, UTAH

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

UNITED STATES

DEPARTMENT OF THE IN	NTERIOR		5. Lease Serial No.			
BUREAU OF LAND MANAG	GEMENT		UTU-75532			
APPLICATION FOR PERMIT TO DE	RILL OR REFNTER		6. If Indian, Allottee or T	ribe Name		
AT EIGHTIGHT GRT ERMIT TO BE	WILL ON NELIVIEN		N/A			
la. Type of Work: DRILL REENTE	D		7. If Unit or CA Agreement, Name and No.			
ia. Type of work. An DRILL A REENTED	Κ		N/A			
			8. Lease Name and Well N	lo.		
lb. Type of Well: 🖾 Oil Well 🖵 Gas Well 🖵 Other	X Single Zone	Multiple Zone	Federal 4-30-8-18			
Name of Operator Newfield Production Company			9. API Well No. 7-3	6225		
3a. Address	3b. Phone No. (include area co	ode)	10. Field and Pool, or Explo	oratory		
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Eight Mile Flat			
4. Location of Well (Report location clearly and in accordance with	any State requirements.*)		11. Sec., T., R., M., or Blk.	and Survey or Area		
At surface NW/NW Lot #1 555' FNL 641' FWL			NINAVANA C 20 T	00 D40E		
At proposed prod. zone			NW/NW Sec. 30, T	85 K 18E		
14. Distance in miles and direction from nearest town or post office*		12. County or Parish	13. State			
Approximatley 17.8 miles southeast of Myton, Utah			Uintah	UT		
15. Distance from proposed* location to nearest	16. No. of Acres in lease	17. Spacii	ng Unit dedicated to this well			
property or lease line, ft. (Also to nearest drig, unit line, if any) Approx. 555' f/lse, NA f/unit	1434.04		Approx. 40 Acres			
18. Distance from proposed location*	19. Proposed Depth 20. BLM		1/BIA Bond No. on file			
to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1686'	6300'		UTU0056			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work w	ill start*	23. Estimated duration			
5025' GL	2nd Quarter 2005		Approximately seven (7) days from sp	oud to rig release.		
	24. Attachments					
The following, completed in accordance with the requirements of Onshor	re Oil and Gas Order No.1, shall	be attached to thi	s form:			
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Item 20 ab 5. Operator c	ove). ertification.	ons unless covered by an exist			
25. Signature	Name (Printed/Typed)		Date			
lando resues	Mandie Crozier			15/05		
Title Regulatory Specialist				,		
Approved by (Signature)	Name (Printed/Typed)	M. Sie	chT Date	1/06		
Title Assistant Field Wanager Mineral Resources	Office V A	1 FO) _e			
Application approval does not warrant or certify the the applicant holds le operations thereon.	egal or equitable title to those rig	thts in the subject	lease which would entitle the	applicant to conduct		

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

400611)

scepted by it. Itah Division Oil Gas and Minice RECEIVED FEB 1 3 2006

FOR RECORD ON

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

NO NOS US JIN0338 A



(Notify PE)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: NEWFIELD PRODUCTION CO Location: NWNW, Sec.30, T8S, R18E

Well No: Federal 4-30-8-18 Lease No: UTU-75532

API No: 43-047-36225 Agreement: N/A

Matt Baker Office: 435-781-4490 Petroleum Engineer: Cell: 435-828-4470 Petroleum Engineer: Michael Lee Office: 435-781-4432 Cell: 435-828-7875 Supervisory Petroleum Technician: Jamie Sparger Office: 435-781-4502 Cell: 435-828-3913 Environmental Scientist: Paul Buhler Office: 435-781-4475 Cell: 435-828-4029 **Environmental Scientist:** Karl Wright Office: 435-781-4484 Natural Resource Specialist: Holly Villa Office: 435-781-4404 Natural Resource Specialist: Melissa Hawk Office: 435-781-4476

Office Fax: (435) 781-4410 After hours message number: (435) 781-4513

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

NOTIFICATION REQUIREMENTS

Location Construction - Forty-Eight (48) hours prior to construction of location and access roads.

Location Completion - Prior to moving on the drilling rig.
(Notify Melissa Hawk ES / NRS)

Spud Notice - Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing
(Notify Jamie Sparger SPT)

- Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests - Twenty-Four (24) hours prior to initiating pressure tests.

(Notify Jamie Sparger SPT)

First Production Notice
(Notify PE)

- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

COAs: Page 2 of 6 Well: Federal 4-30-8-18

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

-This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc., signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.

- In order to avoid eligible prehistoric sites (42UN3066, 4581, & 4625), the access road shall be moved a minimum of 100 feet from the edge of the sites to the shoulder of the road. Contact Montgomery Archaeological Consultants (435-259-5764) when re-staking the road so an archeologist can be present.

-No construction or drilling will be allowed during the golden eagle nesting season of Feb. 1 to July 15. Since the nest survey was completed over a year ago, prior to beginning the construction of the well pad, the nest will have to be inspected to determine if it was active in the season prior to construction. If the nest is determined to have been active, no construction or drilling will be allowed until the nest has been inactive for a two year period.

-4 to 6 inches of topsoil shall be stripped from the locations and placed as shown on the cut sheet. The topsoil shall be respread over the entire location as soon as completion operations have been finished and recontouring is complete. At this point the production equipment can be set. The areas of the location not needed for production operations, including the reserve pits, shall be seeded with crested wheatgrass (variety Hycrest) at a rate of 12 lbs per acre. The 12 lb/acre rate is considering pure live seed. The interim seeding shall be done by either drilling the seed or by broadcasting the seed and dragging it with a spike tooth harrow.

-The pipeline trench for the gas lines shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. When backfilling the trenches, care should be taken to disturb as little of the vegetation as possible and thus allowing the existing plants to reestablish on their own, however, this area should also be seeded with crested wheatgrass at the 12 lb/acre rate to ensure vegetation establishment and to keep invasive weeds to a minimum. All seeding of the pipelines shall be completed using a seed drill.

-No pipeline construction will be allowed when soils are muddy and rutting of soils becomes apparent from the use of vehicles. If rutting occurs, operations must cease until soils are dry or frozen.

COAs: Page 3 of 6 Well: Federal 4-30-8-18

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Casing cementing operations for production casing shall return cement to surface.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- 4. Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.

COAs: Page 4 of 6 Well: Federal 4-30-8-18

6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

Please submit an electronic copy of all logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.

COAs: Page 5 of 6 Well: Federal 4-30-8-18

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

COAs: Page 6 of 6 Well: Federal 4-30-8-18

- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Com	pany:	NEWFIEL	<u>D PRODUC</u>	TION	<u>COMPANY</u>
Well Name:		FEDERAL	4-30-8-18		
Api No:	43-047-36225		Lease Type:_	FE	DERAL
Section 30 T	Township <u>08S</u>	Range 18E	County	UINI	ГАН
Drilling Contr	actor	NDSI	R	[G #	NS#1
	Date	03/21/06 1:00 PM			
		DRY			
Drilling will	l Commenc	e:			
Reported by_		TROY			
Telephone #_		1-435-823-6013	3		
Date 03	/22/2006	Signed	CHD _		

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3630 MYTON, UT 84052

N2695 OPERATOR ACCT. NO.

Lana Nebeker

March 23, 2006

Production Clerk

03/23/2006 ACTION CLIRRENT APINUMBER WELL NAME WELL LOCATION SFUD. EFFECTIVE CODE **ENTITY NO.** BITTY NO. 90 **SC** RØ COUNTY DATE 08:16 99999 14844 43-047-36026 FEDERAL 15-33-8-18 SYWSE 33 88 18E UINTAH 03/15/06 WELL 1 COMMENTS: Sundance ACTOON CURRENT NEN AM NEWSER WELL NAME WELLLOCATION SPUD **EFFECTIVE** 4356463031 CODE ENTITY NO. ENTITY NO. 80 SC ₩. RG COUNTY DATE 15258 99999 43-047-36192 FEDERAL 14-19-8-18 19 8\$ SEASW 18E 03/18/06 **UINTAH** ACTOO CUESTENT APINIDADER WELLNUME WELL LOCATION SPUD EFFECTIVE CODE ENTITY NO. ENTITY NO. 8 **8C** TP RG. COUNTY DATE В 3/23/06 95 99999 14844 43-047-36346 **FEDERAL 8-8-9-18** SEINE 18E UINTAH 03/18/06 GREN Sundance ACTION CURRENT API HALLER WELLNAME WELL LOCATION SPUD DIFFECTIVE COCE ENTITY NO. ENTHY NO. 8C QQ TP RB COUNTY DATE INLAND A 15259 99999 43-047-36193 FEDERAL 15-19-8-18 SWISE 88 18E 19 03/20/06 UINTAH ACTION CURRENT NEA ATI MAMBER WELL NAME WELL LOCATION 57W0 **EFFECTIVE** CODE ENETTY NO. ENTERY NO. QQ 3C TP RG COUNTY DATE В 43-047-36345 99299 14844 FEDERAL 9-8-9-18 NEISE 98 18E 03/21/06 UINTAH WELL 5 COMMENTS Sundance ACTION CURRENT NEW AT MARKER WELL NAME WELL LOCATION SPUD EFFECTNE CODE ENTITY NO. RG COUNTY DATE DAJE 99999 43-047-36225 **FEDERAL 4-30-8-18** NWNW 30 88 18E 03/21/06 UNITAH MELL 5 COMMEMB

NOTE: User COMMEST saction to auchieu why each Actes Code was sale

C - No-essign well from one existing on thy to exother existing anti-

D - Re-easign well from one existing eatily to a new settle E - Citer (explain in comments is section)

ACTION OCCES (See instructions on back of June) A - Establish new orling for now well (single well only) B - Add sourced to existing entity (group or sail well)

RECEIVED

MAR 2 3 2006

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

	BUREAU OF LAND MANA	GEMENT	 	0 '127
SHNDD	Y NOTICES AND REPO	DTS ON WELLS		Serial No.
Do not use	this form for proposals to	o drill or to re-enter a	n UTU75	an, Allottee or Tribe Name.
abandoned v	vell. Use Form 3160-3 (Al	PD) for such proposa	ls.	all, Anottee of Tribe Name.
1. Type of Well	RIPLICATE - Other Ins	tructions on reverse :	7. If Unit	or CA/Agreement, Name and/or No.
X Oil Well Gas Well	Other		8. Well N	Name and No.
2. Name of Operator NEWFIELD PRODUCTION C	OMPANY		FEDER	RAL 4-30-8-18
3a. Address Route 3 Box 3630	JIM 14 1	3b. Phone No. (include a	9. API W (re code) 430473	
Myton, UT 84052		435.646.3721		and Pool, or Exploratory Area
4. Location of Well (Footage, Se	c., T., R., M., or Survey Descripti	ion)		nent Butte
555 FNL 641 FWL	IOF		II. Coun	ty or Parish, State
NW/NW Section 30 T8S R	18E		Uintah,	UT
12. CHEC	K APPROPRIATE BOX(E	ES) TO INIDICATE N	ATURE OF NOTICE,	OR OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION	
	Acidize	☐ Deepen	Production(Start/Res	sume) Water Shut-Off
X Notice of Intent	Actorize Alter Casing	Fracture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other
Subsequent Report	Change Plans	Plug & Abandon	Temporarily Abando	
Final Abandonment Notice	Convert to Injector	☐ Plug Back	X Water Disposal	
produced water is injected	Jonah, and Beluga water in into approved Class II wel criteria, is disposed at New I facilities.	Is to enhance Newfield	d's secondary recovery p	project.
	an Cat	ted by the Division of and Mining CORD ONLY		CEIVED Y 0 4 2006
	FOU UP		DIV. OF O	IL, GAS & MINING
I hereby certify that the foregoing Name (Printed/ Typed) Mandie Crozier	s true and correct	Title Regulatory Spe	cialist	,
Signature		Date		
W kardi	Cones	05/02/2006		
, , , , , ,	THIS SPACE FO	OR FEDERAL OR S	TATE OFFICE USE	
Approved by		Title		Date
Conditions of approval, if any, are attac	hed. Approval of this notice does not			
certify that the applicant holds legal or which would entitle the applicant to cor	-	oject lease Offic	;e	

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No. UTU75532

abandoned w	ell. Use Form 3160-3 (AP	D) for such proposal	s.	6. If Indian, Allott	ee or Tribe Name.
SUBMIT IN T	RIPLICATE - Other Inst	ructions on reverse s	de	7. If Unit or CA/A	greement, Name and/or No.
1. Type of Well	704			8. Well Name and	No
X Oil Well Gas Well 2. Name of Operator	Other			FEDERAL 4-30	
NEWFIELD PRODUCTION CO	MPANY			9. API Well No.	
3a. Address Route 3 Box 3630		3b. Phone No. (include ar	e code)	4304736225	
Myton, UT 84052 4. Location of Well (Footage, Sec	T P M or Survey Description	435.646.3721		10. Field and Pool Monument Butte	, or Exploratory Area
555 FNL 641 FWL	c., 1., K., M., or Survey Description	····y		11. County or Pari	ish, State
NW/NW Section 30 T8S R	18E			Uintah,UT	
12. CHECI	K APPROPRIATE BOX(E	S) TO INIDICATE N.	ATURE OF N	OTICE, OR OT	HER DATA
TYPE OF SUBMISSION			E OF ACTION		
☐ Notice of Intent ☑ Subsequent Report ☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injector	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Reclamat Recomple	ete ily Abandon	Water Shut-Off Well Integrity Other Spud Notice
csgn. Set @ 306.39'/ KB	I NS # 1.Spud well @ 1:00 On 3/23/2006 cement with eturn 5 bbls cement to pit.	160 sks of class "G" w	l" hole with air d 2% CaCL2 +	mist. TIH W/ 7 、 1/4# sk Cello-	Jt's 8 5/8" J-55 24 # Flake Mixed @ 15.8
I hereby certify that the foregoing	is true and correct	Title			
Name (Printed/ Typed) Floyd Mitchell		Drilling Superv	isor		
	thell	Date 03/23/2006			
		OR FEDERAL OR S	TATE OFFIC	E USE	
10. 11. 11. 12. 12. 12. 12. 12. 12. 12. 12		Service Services (Services Services Ser			
Approved by		Title		Da	te
Conditions of approval, if any, are atta certify that the applicant holds legal or which would entitle the applicant to co	equitable title to those rights in the sui induct operations thereon.	bject lease Offic			
Title 18 U.S.C. Section 1001 and Title States any false, fictitious and fraudule	43 U.S.C. Section 1212, make it a criment statements or representations as to a	ne for any person knowingly an any matter within its jurisdiction			gency of the United
			LIEB	7 0 71111	

NEWFILD PRODUCTION COMPANY - CASING & CEMENT REPORT

		 	8 5/8	CASING SET	AT	306.39			
LAST CASIN	NG 8 5/8"	SET A	AT 306.39'	27	OPERATOR		Newfield I	Production C	ompany
DATUM					WELL	-			
DATUM TO	CUT OFF C	ASING				SPECT			
DATUM TO	BRADENHE	AD FLANGE			CONTRACT	 *OR & RIG		NDSI NS #1	
TD DRILLER	310'	LOGGI	ER						
HOLE SIZE	12 1/4	<u> </u>							
LOG OF CA	SING STRIN	IC:							
PIECES	OD	1	MAKE - DESCI	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
112020	00	11 (141-1	WINTE DECO	\(\) \(\)	******	OND	HINEAD	OONDI	ELHOTTI
		Shoe	Joint 38.71'						
		WHI - 92 cs					8rd	A	0.95
7	8 5/8"	Maverick ST			24#	J-55	8rd	Α	294.54
		· · · · · · · · · · · · · · · · · · ·	<u> </u>	shoe			8rd	Α	0.9
CASING INV	ENTORY B	AL.	FEET	JTS	TOTAL LEN	GTH OF STE	RING		296.39
TOTAL LEN	GTH OF ST	RING	296.39	7	LESS CUT	OFF PIECE			2
LESS NON	CSG. ITEMS		1.85		PLUS DATU	м то т/сит	OFF CSG		12
PLUS FULL	JTS. LEFT (DUT	0		CASING SE	T DEPTH			306.39
	TOTAL		294.54	7	<u>ا</u> ا				
TOTAL CSG	. DEL. (W/O	THRDS)	294.54	7	∫ СОМРАЯ	RE			
TIMING			1ST STAGE						
BEGIN RUN	CSG.	Spud	3/21/2006	1:00 PM	GOOD CIRC	THRU JOB		Yes	
CSG. IN HO	LE		3/22/2006	9:00 AM	Bbls CMT CI	IRC TO SUR	FACE	5	
BEGIN CIRC	;		3/23/2006	9:08 AM	RECIPROCA	ATED PIPE F	OR	_N/A	
BEGIN PUM	P CMT		3/23/2006	9:22 AM			_		
BEGIN DSP	L. CMT		3/23/2006	9:35 AM	BUMPED PL	UG TO		760	PSI
PLUG DOW	N		3/23/2006	9:42 AM					
CEMENT US	SED			CEMENT COM	MPANY-	B. J.	. ,		
STAGE	# SX			CEMENT TYP	E & ADDITIV	'ES			
1	160	Class "G" w	/ 2% CaCL2 + ·	1/4#/sk Cello-F	lake mixed @	2 15.8 ppg 1	.17 cf/sk yiel	<u>d</u>	
CENTRALIZ	ED & SCDA	TOUED DI AC	SEMENIT			SHOW MAK	E & SDACIN	IC	
		TCHER PLAC	nd & third for	3	<u> </u>	OLIOVA IVIAN	L & OFAUII		
Centralizers	s - iviluule II	ist, top seco	na a mila ioi	<u> </u>					
·····									

DATE <u>3/23/2006</u>

COMPANY REPRESENTATIVE Floyd Mitchell

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

5. Lease Serial No.

	Y NOTICES AND REPOI				UTU75532	
	this form for proposals to rell. Use Form 3160-3 (AP				6. If Indian, Allo	ottee or Tribe Name.
	RIPLICATE - Other Inst	ructions on rev	erse side		7. If Unit or CA/	Agreement, Name and/or No.
1. Type of Well X Oil Well Gas Well	Other				8. Well Name an	ad No.
2. Name of Operator					FEDERAL 4-3	
NEWFIELD PRODUCTION CO 3a. Address Route 3 Box 3630	PMPAN Y	3b. Phone No. (inc	olarda ana anda	1	9. API Well No.	
Myton, UT 84052		435.646.3721	rude are code	,	4304736225 10. Field and Poo	ol, or Exploratory Area
4. Location of Well (Footage, Sec	c., T., R., M., or Survey Description	n)			Monument But	tte
555 FNL 641 FWL NW/NW Section 30 T8S R1	9E				11. County or Pa	rish, State
NW/NW Section 30 185 KI	oc_				Uintah,UT	
	APPROPRIATE BOX(ES	S) TO INIDICA	TE NATUI	RE OF NO	OTICE, OR O	THER DATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
Notice of Intent ☑ Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Trea New Construct Plug & Abance	etion 🔲	Reclamati Recomple		Water Shut-Off Well Integrity Other Weekly Status Report
Final Abandonment Notice	Convert to Injector	Plug Back		Water Dis	posal	
Test 8.625 csgn to 1,500 p Drill out cement & shoe. Dr Dig/SP/GR log's TD to surf / KB. Cement with 400 sks	son Rig # 155. Set all equip si. Vernal BLM field, & Roos ill a 7.875 hole with fresh w ace. PU & TIH with Guide s cement mixed @ 11.0 ppg . Nipple down Bop's. Drop s	sevelt DOGM of ater to a depth o hoe, shoe jt, floa & 3.43 yld. Ther	fice was no of 6,418'. La at collar, 14 n 475 sks ce	tifed of tes by down d 9 jt's of 5. ement mix	st. PU BHA and rill string & BHA 5 J-55, 15.5# o ted @ 14.4 ppg	d tag cement @ 266'. A. Open hole log w/ csgn. Set @ 6355.94' g & 1.24 yld. With 16
I hereby certify that the foregoing is	s true and correct	Title				
Name (Printed/ Typed) Floyd Mitchell		Drilling S	Supervisor			
Signature Flick M	thell	Date 04/04/26	006			
	THIS SPACE FO	R FEDERAL ()R STATE	OFFICI	EUSE	
A			Title			to.
Approved by Conditions of approval, if any, are attach certify that the applicant holds legal or ec which would entitle the applicant to cond	quitable title to those rights in the subje		Title Office		Dat	ic
Title 18 U.S.C. Section 1001 and Title 4		for any person knowing		y to make to a	ny de antien O	erc \ Libe U ited

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

				CASING SET	Flt cllr @ 63		-		
LAST CASIN	NG <u>8 5/8"</u>	SET /	306.39		OPERATOR	₹	Newfield F	Production (Company
DATUM	12' KB				WELL	Federal 4-	30-8-18		
DATUM TO	CUT OFF C	ASING _	12'		FIELD/PRO	SPECT	Monumen	t Butte	
DATUM TO	BRADENHE	AD FLANGE			CONTRACT	FOR & RIG#		Patterson #	155
TD DRILLER	6418'	LOGG	ER 6 <u>404'</u>						
HOLE SIZE	7 7/8"								
LOG OF CA	SING STRIN	IG:	<u> </u>						
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt							14
	<u></u>	6.25 short j	t @ 4434'						***************************************
149	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	Α	6300.18
		Float collar							0.6
1	5 1/2"	ETC LT&C			15.5#	J-55	8rd	Α	42.51
	<u> </u>		GUIDE	shoe			8rd	Α	0.65
CASING INV	ENTORY B	AL.	FEET	JTS	TOTAL LEN	GTH OF ST	RING	-	6357.94
TOTAL LEN	GTH OF STE	RING	6357.94	150	LESS CUT	OFF PIECE			14
LESS NON	CSG. ITEMS		15.25		PLUS DATU	JM TO T/CU	TOFF CSG	-	12
PLUS FULL	JTS. LEFT (DUT	211.69	5	CASING SE	T DEPTH			6355.94
	TOTAL		6554.38	155	<u> </u>				
TOTAL CSG	. DEL. (W/O	THRDS)	6554.38	155	COMPARE				
TIMING			1ST STAGE	2nd STAGE					
BEGIN RUN	CSG.		4/3/2006	8:00 PM	GOOD CIRC	C THRU JOB		Yes	
CSG. IN HO	LE		4/4/2006	12:00 AM	Bbis CMT C	IRC TO SUF	RFACE	16	
BEGIN CIRC	>		4/4/2006	12:00 AM	RECIPROC	ATED PIPE	FOR	THRUSTROK	<u>Œ</u> No
BEGIN PUM	P CMT		4/4/2006	2:01 AM	DID BACK PRES. VALVE HOLD ? NO,Shut In				
BEGIN DSPI	L. CMT		4/4/2006	3:06	BUMPED PI	LUG TO _		2480	PSI
PLUG DOW	N		4/4/2006	3:38 AM					<u> </u>
CEMENT US	ED			CEMENT CO	MPANY-	B. J.			
STAGE	# SX			CEMENT TYP	PE & ADDITIN	/ES			
1	400	Premlite II w	/ 10% gel + 3	% KCL, 3#'s /s	k CSE + 2# s	k/kolseal + 1	/2#'s/sk Cell	o Flake	
		mixed @ 11	.0 ppg W / 3.43	cf/sk yield				<u> </u>	
2	475	50/50 poz V	V/ 2% Gel + 3%	KCL, .5%EC1	1,1/4# sk C.F.	2% gel. 3%	SM mixed @	14.4 ppg W/	1.24 YLD
CENTRALIZ	ER & SCRA	TCHER PLA	CEMENT			SHOW MAK	E & SPACIN	IG	
Centralizers	s - Middle fi	rst, top seco	ond & third. Th	nen every thir	d collar for a	a total of 20	•		
COMPANY F	REPRESENT	TATIVE	Floyd Mitch	ell			DATE	4/4/2006	

RECEIVED

17777

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

of the United

	BUREAU OF LAND MANA	AGEMENT		5. Lease Serial N	0.		
SUNDR'	UTU75532						
abandoned v	this form for proposals to vell. Use Form 3160-3 (A	PD) for such proposals		6. If Indian, Allot	6. If Indian, Allottee or Tribe Name.		
SUBMIT IN T . Type of Well	RIPLICATE - Other Ins	tructions on reverse sid	le	7. If Unit or CA/A	Agreement, Name and/or No.		
Oil Well Gas Well	Other			8. Well Name and	i No.		
Name of Operator NEWFIELD PRODUCTION CO	OMPANY			FEDERAL 4-30)-8-18		
a. Address Route 3 Box 3630		3b. Phone No. (include are	code)	9. API Well No. 4304736225			
Myton, UT 84052		435.646.3721	,		l, or Exploratory Area		
	ec., T., R., M., or Survey Descript	ion)		Monument Butt			
555 FNL 641 FWL				11. County or Par	ish, State		
NW/NW Section 30 T8S R	18E			Uintah,UT			
	K APPROPRIATE BOX(I	ES) TO INIDICATE NA	TURE OF N	OTICE, OR OT	HER DATA		
TYPE OF SUBMISSION		TYPE	OF ACTION		-		
X Notice of Intent	Acidize Alter Casing Casing Repair	☐ Deepen ☐ Fracture Treat ☐ New Construction	Production Reclama Recompl		☐ Water Shut-Off ☐ Well Integrity ☐ Other		
Subsequent Report	Change Plans	Plug & Abandon		rily Abandon	Variance		
Final Abandonment Notice	Convert to Injector	Plug Back	☐ Water Di	•			
separator to maximize gas Newfield is requesting a va a surge of gas when the th	vely low gas producers (20 s separation and sales. ariance for safety reasons. nief hatches are open. Whil d, under optimum conditior	Crude oil production tanle e gauging tanks, lease o	s equipped	with back pressi be subject to bro	ure devices will emit eathing toxic gases		
				RECEIV	ED		
Ale Sales Topic of	t e			MAY 0 4 2	2006		
CHI	<u>6</u>		DI	V. OF OIL, GAS	& MINING		
ereby certify that the foregoing i	is frue and correct	Title					
me (Printed/Typed)		1	ine				
fandie Crozier	A .	Regulatory Special	ist				
Wand.	Crorin	05/02/2006					
- I PUTTER!	THIS SPACE BY	OR FEDERAL OR STA	TE OFFIC	F ISE			
				sion of Date Mining Date	Federal Approval Of Action Is Necessa		
	hed. Approval of this notice does not equitable title to those rights in the sub-	waitant or Official O	, Gas an		A		

which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingless willbridge states any false, fictitious and fraudulent statements or representations as to any matter within its junction.

(Instructions on reverse)

BV:

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an

UTU75532

abandoned w	ell. Use Form 3160-3 (API	D) for such prop	osals.	6. If Indian, Allow	ee or Tribe Name.
SUBVITTED F	RECORD OF HERINA	zleřánkyů řesy:	scolite	7. If Unit or CA/A	greement, Name and/or No.
Oil Well Gas Well	Other			8. Well Name and	
Name of Operator NEWFIELD PRODUCTION CO	MPANY			FEDERAL 4-30 9. API Well No.	-8-18
3a. Address Route 3 Box 3630		3b. Phone No. (incli	ıde are code)	4304736225	
Myton, UT 84052		435.646.3721			, or Exploratory Area
4. Location of Well (Footage, Sec 555 FNL 641 FWL	., T., R., M., or Survey Description	n)		Monument Butte	
NW/NW Section 30 T8S R1	8F			l 1	ion, oute
				Uintah,UT	
12. CHECK	APPROPRIATE BOX(ES	S) TO INIDICAT	E NATURE OF N	OTICE, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
☐ Notice of Intent ☑ Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construct	Reclamati		Water Shut-Off Well Integrity Other
	Change Plans	Plug & Abando		ily Abandon	Weekly Status Report
Final Abandonment Notice	Convert to Injector	Plug Back	☐ Water Dis	sposal	
Status report for time period Subject well had completion the well. A cement bond log with 20/40 mesh sand. Peri (5590'-5596');Stage #3 (530 Composite flow-through fra moved over the well on 04-sand cleanup. A new 1 1/2" 05-01-2006.	n procedures intiated in the g was run and a total of four forated intervals are as follo 09'-5328'),(5296'-5299'); Sta c plugs were used between 27-2006. Bridge plugs were bore rod pump was run in	r Green River interpretations: Stage #1 (61 age #4 (5200'-52 a stages. Fracs we drilled out and well on sucker ro	ervals were perforat 02'-6112'),(6042'-6i 12'),(5160'-5170'). A ere flowed back thro vell was cleaned to	ed and hydrauli 057'),(6000'-600 All perforations, ough chokes. A 6312'. Zones w	cally fracture treated 04'); Stage #2 were 4 JSPF. service rig was ere swab tested for
I hereby certify that the foregoing is Name (Printed/Typed)	true and correct	Title			
Lana Nebeker		Production	Clerk	- · · · · · · · · · · · · · · · · · · ·	
Signature /	Ly Ves	Date 06/06/200	06		
	Para Missississississississississississississ	rogeristevs o	REPORT OF THE	Service Control	
Approved by			Title	Dat	<u>e</u>
Conditions of approval, if any, are attach certify that the applicant holds legal or ec which would entitle the applicant to cond	uitable title to those rights in the subje		Office		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious and fraudulent	U.S.C. Section 1212, make it a crime	for any person knowing matter within its jurisd	ly and willfully to make to	any department or ago	ency of the United

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUBMIT IT (Sec Joher instructions ons

reverse side)

PLICATE* FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

UTU-75532

WELL C	OMPL	ETION	OR RECO	MPLETION	REPORT A	ND LOG*	6. IF INDIAN, ALLOT	TEE OR TRIBE NAME NA
1a. TYPE OF WORK		OII					7. UNIT AGREEMENT	
		OIL WELL	X GAS WEL		Other			NA
1b. TYPE OF WELL							8. FARM OR LEASE N	(AAMT WITH AND
NEW [V	work [1	PLUC	DIFF]			
WELL X	OVER	DEEPEN	BACI		Other			ral 4-30-8-18
2. NAME OF OPERATOR		No	wfield Evelor	ation Compan	v		9. WELL NO.	047-36225
3. ADDRESS AND TELEPHO	ONE NO.	Ne	wfield Explora	attori Compan	у		10. FIELD AND POOL	
	1		St. Suite 100					nt Mile Flat
4. LOCATION OF WELL	(Report loca	tions clearly a	and in accordance wit	h any State requirem	ents.*)		11. SEC., T., R., M., OR OR AREA	BLOCK AND SURVEY
At Surface	and balance	555	FINL & O41 FVVL	- (INVVIIVV) Sec.	30, 103, 1010L			0, T8S, R18E
At top prod. Interval repo	ned below							,
At total depth			14. API NO	D.	DATE ISSUED		12. COUNTY OR PARIS	
				3-047-36225		1/18/05	Uintah_	UT
15. DATE SPUDDED 1. 3/21/06	6. DATE T.D. R	EACHED 3/06	17. DATE COMPL	(Ready to prod.) 5/1/06	18. ELEVATIONS (5025	DF. RKB. RT. GR. ET S' Gl	5037' KB	19. ELEV. CASINGHEAD
20, TOTAL DEPTH, MD & T			CK T.D., MD & TVD	22. IF MULTIF		23. INTERVALS	ROTARY TOOLS	CABLE TOOLS
				HOW MAN	17.*	DRILLED BY		
6418'			6312'			>	X	25. WAS DIRECTIONAL
24. PRODUCING INTERVAL	(S). OF THIS C	OMPLETION-			0.440			SURVEY MADE
			Green	River 5160)'-6112'			No
26. TYPE ELECTRIC AND O	THER LOGS R	UN					/	27. WAS WELL CORED
Dual Induction G	Suard, SF	Compe					Cement Bond Log	No
23.					port all strings set in		MENT. CEMENTING RECORD	AMOUNT PULLED
CASING SIZE/GR. 8-5/8" - J-		weight. 24		PTH SET (MD) 306'	HOLE SIZE 12-1/4"		with 160 sx Class "G" cmt	
5-1/2" - J-		15.		6356'	7-7/8"		ite II and 475 sx 50/50 Pc	
29.		LIN	ER RECORD			30.	TUBING RECORD	
29. SIZE	TOP (1		BOTTOM (MD)	SACKS CEMENT	* SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	TOP ()			SACKS CEMENT	* SCREEN (MD)	+		PACKER SET (MD) TA @ 6024
SIZE		MD)	BOTTOM (MD)	SACKS CEMENT	• SCREEN (MD)	SIZE 2-7/8"	DEPTH SET (MD) EOT @ 6126' FRACTURE, CEMENT SQU	TA @ 6024'
SIZE 31. PERFORATION RECOBLINTE	RD (Interval, siz	MD)	BOTTOM (MD) SIZE	SPF/NUMBE	32. DEPTH INT	SIZE 2-7/8" ACID, SHOT, ERVAL (MD)	DEPTH SET (MD) EOT @ 6126' FRACTURE, CEMENT SQU AMOUNT AND KIND	TA @ 6024' EEZE, ETC. OF MATERIAL USED
SIZE 31. PERFORATION RECOR	RD (Interval, siz RVAL , 6042'-57',	MD) te and number 6102'-12'	BOTTOM (MD) SIZE .46"	SPF/NUMBE 4/116	32. DEPTH INTO	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) 6112'	DEPTH SET (MD) EOT @ 6126' FRACTURE, CEMENT SQU AMOUNT AND KIND OF Frac W/ 99,490# 20/40	TA @ 6024' DEEZE, ETC. DF MATERIAL USED sand in 736 bbls fluid
31. PERFORATION RECOL INTE. (CP1,2&3) 6000'-04'	RD (Interval, siz RVAL , 6042'-57', (A3) 55	MD) 2e and number 6102'-12' 590'-5596'	SIZE .46" .43"	SPF/NUMBE 4/116 4/24	32. DEPTH INTO 6000'- 5590'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -6112' -5596'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND 4 Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40	TA @ 6024' IEEZE, ETC. OF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid
31. PERFORATION RECOB INTE (CP1,2&3) 6000'-04'	RD (Interval, siz RVAL , 6042'-57', (A3) 55	6102'-12' 590'-5596' 5296'-99'	SIZE .46" .43"	SPF/NUMBE 4/116 4/24 4/88	R DEPTH INT 6000'- 5590'- 5296'-	ACID, SHOT, ERVAL (MD) -6112' -5596' -5328'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40	TA @ 6024' SEEZE, ETC. OF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid sand in 845 bbls fluid
31. PERFORATION RECOB INTE (CP1,2&3) 6000'-04'	RD (Interval, siz RVAL , 6042'-57', (A3) 55	6102'-12' 590'-5596' 5296'-99'	SIZE .46" .43"	SPF/NUMBE 4/116 4/24	32. DEPTH INTO 6000'- 5590'-	ACID, SHOT, ERVAL (MD) -6112' -5596' -5328'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND 4 Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40	TA @ 6024' SEEZE, ETC. OF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid sand in 845 bbls fluid
31. PERFORATION RECOB INTE (CP1,2&3) 6000'-04'	RD (Interval, siz RVAL , 6042'-57', (A3) 55	6102'-12' 590'-5596' 5296'-99'	SIZE .46" .43"	SPF/NUMBE 4/116 4/24 4/88	R DEPTH INT 6000'- 5590'- 5296'-	ACID, SHOT, ERVAL (MD) -6112' -5596' -5328'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40	TA @ 6024' SEEZE, ETC. OF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid sand in 845 bbls fluid
31. PERFORATION RECOB INTE (CP1,2&3) 6000'-04'	RD (Interval, siz RVAL , 6042'-57', (A3) 55	6102'-12' 590'-5596' 5296'-99'	SIZE .46" .43"	SPF/NUMBE 4/116 4/24 4/88	R DEPTH INT 6000'- 5590'- 5296'-	ACID, SHOT, ERVAL (MD) -6112' -5596' -5328'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40	TA @ 6024' SEEZE, ETC. OF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid sand in 845 bbls fluid
31. PERFORATION RECOB INTE (CP1,2&3) 6000'-04'	RD (Interval, siz RVAL , 6042'-57', (A3) 55	6102'-12' 590'-5596' 5296'-99'	SIZE .46" .43"	SPF/NUMBE 4/116 4/24 4/88	R DEPTH INT 6000'- 5590'- 5296'-	ACID, SHOT, ERVAL (MD) -6112' -5596' -5328'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40	TA @ 6024' SEEZE, ETC. OF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid sand in 845 bbls fluid
31. PERFORATION RECOB INTE (CP1,2&3) 6000'-04'	RD (Interval, siz RVAL , 6042'-57', (A3) 55	6102'-12' 590'-5596' 5296'-99'	SIZE .46" .43"	SPF/NUMBE 4/116 4/24 4/88	R DEPTH INT 6000'- 5590'- 5296'-	ACID, SHOT, ERVAL (MD) -6112' -5596' -5328'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40	TA @ 6024' SEEZE, ETC. OF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid sand in 845 bbls fluid
31. PERFORATION RECODINTE (CP1,2&3) 6000'-04' (C (D1&2	RD (Interval, siz RVAL , 6042'-57', (A3) 55	6102'-12' 690'-5596' 5296'-99' 5200'-12'	SIZE .46" .43" .43" .43"	SPF/NUMBE 4/116 4/24 4/88 4/88	R DEPTH INTI 6000'- 5590'- 5296'- 5160'-	ACID, SHOT, ERVAL (MD) -6112' -5596' -5328'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40 Frac w/ 123,333# 20/40	TA @ 6024' EEZE, ETC. DF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid 0 sand in 845 bbls fluid 0 sand in 875 bbls fluid
SIZE 31. PERFORATION RECOLUNTE! (CP1,2&3) 6000'-04' (C (D1&2) 33.* DAIT FIRST PRODUCTION	RD (Interval, siz RVAL , 6042'-57', (A3) 55	6102'-12' 690'-5596' 5296'-99' 5200'-12'	SIZE .46" .43" .43" .43"	SPF/NUMBE	R 32. 6000'- 5590'- 5296'- 5160'- JCTION d type of pump)	ACID, SHOT, ERVAL (MD) -6112' -5596' -5328' -5212'	DEPTH SET (MD) EOT @ 6126' FRACTURE, CEMENT SQU AMOUNT AND KIND of Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40 Frac w/ 123,333# 20/40	TA @ 6024' 6024' SEEZE, ETC. DF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid sand in 845 bbls fluid sand in 875 bbls fluid sand in 875 bbls fluid
31. PERFORATION RECODINTE (CP1,2&3) 6000'-04' (C (D1&2	RD (Interval, siz RVAL , 6042'-57', (A3) 55) 5309'-28',) 5160'-70',	6102'-12' 690'-5596' 5296'-99' 5200'-12'	SIZE .46" .43" .43" .43"	SPF/NUMBE	R DEPTH INTI 6000'- 5590'- 5296'- 5160'-	ACID, SHOT, ERVAL (MD) -6112' -5596' -5328' -5212'	DEPTH SET (MD) EOT @ 6126' FRACTURE, CEMENT SQU AMOUNT AND KIND of Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40 Frac w/ 123,333# 20/40	TA @ 6024' EEEZE, ETC. DF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid sand in 845 bbls fluid sand in 875 bbls fluid sand in 875 bbls fluid
31. PERFORATION RECOBINTE (CP1,2&3) 6000'-04' (C (D1&2 (D1&2 33.* DATE FIRST PRODUCTION 5/1/06	RD (Interval, siz RVAL , 6042'-57', (A3) 55) 5309'-28',) 5160'-70',	6102'-12' 690'-5596' 5296'-99' 5200'-12'	SIZE .46" .43" .43" .43" .43"	SPF/NUMBE	32. R DEPTH INTI 6000'- 5590'- 5296'- 5160'- 0type of pump) RHAC SM Plu OILBBI.S.	SIZE 2-7/8" ACID, SHOT. FRVAL (MD) -6112' -5596' -5328' -5212'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQL AMOUNT AND KIND 0 Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40 Frac w/ 123,333# 20/40 WHILL WATER-BBL.	TA @ 6024' 6024' SEEZE, ETC. DE MATERIAL USED Sand in 736 bbls fluid sand in 438 bbls fluid 0 sand in 845 bbls fluid 0 sand in 875 bbls fluid 0 sand in 875 bbls fluid PRODUCING GAS-OIL RATIO
31. PERFORATION RECOBENTED INTEL (CP1,2&3) 6000'-04' (CC (D1&2 33.* DATE FIRST PRODUCTION 5/1/06 DATE OF TEST 30 day ave	RD (Interval, siz RVAL , 6042'-57', (A3) 55) 5309'-28',) 5160'-70',	mD) re and number 6102'-12' 590'-5596' 5296'-99' 5200'-12' PRODUCTIO	SIZE .46" .43" .43" .43" .143" .143" .143"	SPF/NUMBE	32. R	ACID, SHOT, FRVAL (MD) -6112' -5596' -5328' -5212' -5212'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND OF Frac W/ 99,490# 20/40 Frac W/ 38,651# 20/40 Frac W/ 120,197# 20/40 Frac W/ 123,333# 20/40 WELL WATER-BBL.	TA @ 6024' EEEZE, ETC. DF MATERIAL USED sand in 736 bbls fluid sand in 438 bbls fluid) sand in 845 bbls fluid) sand in 875 bbls fluid) sand in 875 bbls fluid PRODUCING
31. PERFORATION RECOBINTE (CP1,2&3) 6000'-04' (C (D1&2 (D1&2 33.* DATE FIRST PRODUCTION 5/1/06	RD (Interval, siz RVAL , 6042'-57', (A3) 55) 5309'-28',) 5160'-70',	6102'-12' 690'-5596' 5296'-99' 5200'-12'	SIZE .46" .43" .43" .43" .43"	SPF/NUMBE	32. R DEPTH INTO 6000'- 5590'- 5296'- 5160'- DICTION d type of pump) RHAC SM Plu DILBBLS.	SIZE 2-7/8" ACID, SHOT. FRVAL (MD) -6112' -5596' -5328' -5212'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND of Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40 Frac w/ 123,333# 20/40 WELL WATER-BBL	TA @ 6024' DEEZE, ETC. DE MATERIAL USED Sand in 736 bbls fluid Sand in 438 bbls fluid D sand in 845 bbls fluid D sand in 875 bbls fluid D sand in 875 bbls fluid STATUS (Producing or shut-in) PRODUCING GAS-OIL RATIO 88
31. PERFORATION RECOBENTED INTEL (CP1,2&3) 6000'-04' (CC (D1&2 33.* DATE FIRST PRODUCTION 5/1/06 DATE OF TEST 30 day ave	RD (Interval, siz RVAL , 6042'-57', (A3) 55) 5309'-28',) 5160'-70',	mD) re and number 6102'-12' 590'-5596' 5296'-99' 5200'-12' PRODUCTIO	SIZE .46" .43" .43" .43" .143" .143" .143" .143" .143"	SPF/NUMBE	32. R DEPTH INTO 6000'- 5590'- 5296'- 5160'- DICTION d type of pump) RHAC SM Plu DILBBLS.	SIZE 2-7/8" ACID, SHOT. FRVAL (MD) -6112' -5596' -5328' -5212'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND OF Frac W/ 99,490# 20/40 Frac W/ 38,651# 20/40 Frac W/ 120,197# 20/40 Frac W/ 123,333# 20/40 WATER-BBL. 123 WATER-BBL. OIL GRA	TA @ 6024' DEEZE, ETC. DE MATERIAL USED Sand in 736 bbls fluid Sand in 438 bbls fluid D sand in 845 bbls fluid D sand in 875 bbls fluid D sand in 875 bbls fluid STATUS (Producing or shut-in) PRODUCING GAS-OIL RATIO 88
31. PERFORATION RECOBENTED INTEL (CP1,2&3) 6000'-04' (CC (D1&2 33.* DATE FIRST PRODUCTION 5/1/06 DATE OF TEST 30 day ave	RD (Interval, siz RVAL , 6042'-57', (A3) 55) 5309'-28',) 5160'-70',	mD) re and number 6102'-12' 590'-5596' 5296'-99' 5200'-12' PRODUCTIO	SIZE .46" .43" .43" .43" .43" CHOKE SIZE CALCULATED 24-HOUR RATE	SPF/NUMBE	32. R DEPTH INTO 6000'- 5590'- 5296'- 5160'- DICTION d type of pump) RHAC SM Plu DILBBLS.	SIZE 2-7/8" ACID, SHOT. FRVAL (MD) -6112' -5596' -5328' -5212'	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND of Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40 Frac w/ 123,333# 20/40 WELL WATER-BBL	TA @ 6024' DEEZE, ETC. DE MATERIAL USED Sand in 736 bbls fluid Sand in 438 bbls fluid D sand in 845 bbls fluid D sand in 875 bbls fluid D sand in 875 bbls fluid STATUS (Producing or shut-in) PRODUCING GAS-OIL RATIO 88
33.* DATE FIRST PRODUCTION 5/1/06 DATE OF TEST 30 day ave FLOW, TUBING PRESS.	RD (Interval, siz RVAL , 6042'-57', (A3) 55) 5309'-28',) 5160'-70', CASP	mD) re and number 6102'-12' 590'-5596' 5296'-99' 5200'-12' PRODUCTIO	SIZE .46" .43" .43" .43" .43" CHOKE SIZE CALCULATED 24-HOUR RATE	SPF/NUMBE	32. R DEPTH INTO 6000'- 5590'- 5296'- 5160'- DICTION d type of pump) RHAC SM Plu DILBBLS.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -6112' -5596' -5328' -5212' nger Pump GASMCF. 12	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQL AMOUNT AND KIND O Frac w/ 99,490# 20/40 Frac w/ 38,651# 20/40 Frac w/ 120,197# 20/40 Frac w/ 123,333# 20/40 WELL WATER-BBL. 123 WATER-BBL. OUL GRA	TA @ 6024' DEEZE, ETC. DE MATERIAL USED Sand in 736 bbls fluid Sand in 438 bbls fluid D sand in 845 bbls fluid D sand in 875 bbls fluid D sand in 875 bbls fluid STATUS (Producing or shut-in) PRODUCING GAS-OIL RATIO 88
31. PERFORATION RECOBENTED (CP1,2&3) 6000'-04' (C (D1&2 (D1&2 33.* DATE FIRST PRODUCTION 5/1/06 DATE OF TEST 30 day ave FLOW, TUBING PRESS.	RD (Interval, siz RVAL , 6042'-57', (A3) 55) 5309'-28',) 5160'-70', CASP	mD) re and number 6102'-12' 590'-5596' 5296'-99' 5200'-12' PRODUCTIO	SIZE .46" .43" .43" .43" .43" CHOKE SIZE CALCULATED 24-HOUR RATE	SPF/NUMBE	32. R DEPTH INTO 6000'- 5590'- 5296'- 5160'- DICTION d type of pump) RHAC SM Plu DILBBLS.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -6112' -5596' -5328' -5212' nger Pump GASMCF. 12	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND OF Frac W/ 99,490# 20/40 Frac W/ 38,651# 20/40 Frac W/ 120,197# 20/40 Frac W/ 123,333# 20/40 WATER-BBL. 123 WATER-BBL. OIL GRA	TA @ 6024' DEEZE, ETC. DE MATERIAL USED Sand in 736 bbls fluid Sand in 438 bbls fluid D sand in 845 bbls fluid D sand in 875 bbls fluid D sand in 875 bbls fluid STATUS (Producing or shut-in) PRODUCING GAS-OIL RATIO 88
33.* DATE FIRST PRODUCTION 5/1/06 DATE OF TEST 30 day ave FLOW, TUBING PRESS.	RD (Interval, siz RVAL , 6042'-57', (A3) 55) 5309'-28',) 5160'-70', CASP	PRODUCTIO RS TESTED NG PRESSURI	SIZE .46" .43" .43" .43" .43" CHOKE SIZE CALCULATED 24-HOUR RATE> Sold & Used	SPF/NUMBE 4/116 4/24 4/88 4/88 4/88 A/88 PRODUCTOR STATE OF TEST PERIOD COLLABBL. OIL-BBL.	32. R DEPTH INTI 6000'- 5590'- 5296'- 5160'- 137 GAS-MCT	SIZE 2-7/8" ACID, SHOT. FRVAL (MD) -6112' -5596' -5328' -5212' nger Pump GAS-MCF. 12	DEPTH SET (MD) EOT @ 6126 FRACTURE, CEMENT SQU AMOUNT AND KIND OF Frac W/ 99,490# 20/40 Frac W/ 38,651# 20/40 Frac W/ 120,197# 20/40 Frac W/ 123,333# 20/40 WATER-BBL OULGRA UEST WHNESSED BY N 6 7 2006	TA @ 6024' EEZE, ETC. DE MATERIAL USED Sand in 736 bbls fluid sand in 438 bbls fluid) sand in 845 bbls fluid) sand in 875 bbls fluid) sand in 875 bbls fluid STATUS (Producing or shut-in) PRODUCING GAS-OIL RATIO 88 VELY-APEICORE.)

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. GEOLOGIC MARKERS recoveries); **FORMATION** TOP воттом DESCRIPTION, CONTENTS, ETC. TOP NAME TRUE MEAS. DEPTH VERT. DEPTH Well Name Garden Gulch Mkr 4320' Federal 4-30-8-18 Garden Gulch 1 4545' Garden Gulch 2 4708' Point 3 Mkr X Mkr 4928' Y-Mkr 4962' Douglas Creek Mkr 5092' BiCarbonate Mkr 5360' B Limestone Mkr Castle Peak 5922' Basal Carbonate 6332' Total Depth (LOGGERS 6404'